

1987-88 CATALOG



**Designers and Manufacturers  
of Specialty Tools and  
Fixtures for the  
Bicycle Industry**

# THE PARK TOOL STORY

PARK TOOLS are the result of our 25 years as retail bicycle dealers. Because of this hands-on experience, we saw what tools were needed and then created, designed and manufactured tools to meet those needs.

Most of the tools we manufacture are unique, designed to enable any bike mechanic to do repairs easier, more quickly and profitably. We are constantly striving to improve our products and are continually working on new ideas to further improve the bicycle mechanic's efficiency, whether they be professional or hobbyist.

## WHAT ABOUT THE FUTURE?

We believe tools can be merchandised and sold just as any other bicycle-related product. As customers see Park Tools in use, an interest is created to purchase tools for their own use. Many of our tools are purposely designed for this expanding market, and with proper exposure they will sell. Many of our tools are now skin packaged on attractive, colorful cards. (Look for the ★ throughout this catalog for tools so carded). Recognize this opportunity, display and sell Park Tools, "The Asked for Tools."

Quality Made In



Respectfully yours,

Howard C. Hawkins  
Arthur B. Engstrom  
Eric Hawkins

## INTRODUCING... THE PARK TOOL MANUAL PRM-1



**Do It Right  
The First Time...**

Detailed photographs fill this new 132-page manual showing you the proper way to use Park's extensive array of tools. Special sections discuss how to organize your repair department for greater profits and another provides you with a complete tool checklist. The grease-resistant three-ring binder stays open flat for easy use on your workbench.

**PARK TOOLS – QUALITY TOOLS – RECOGNIZED WORLD WIDE**



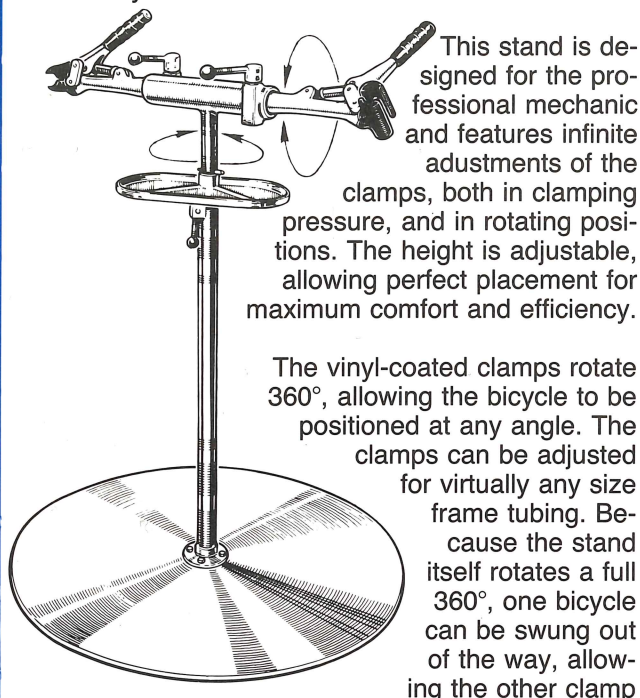
## Bicycle Repair Stands

While all our repair stand models can be used for shop use, some, because of heavier construction, are better suited for the rugged, continuous use given in most bicycle shops.

**Recommended shop stands are: PRS-2; PRS-3; and PRS-4.**

### Deluxe Double Arm Repair Stand Model PRS-2

WORLD'S FINEST BICYCLE REPAIR STAND, combining the ultimate in quality with the ultimate in versatility.



This stand is designed for the professional mechanic and features infinite adjustments of the clamps, both in clamping pressure, and in rotating positions. The height is adjustable, allowing perfect placement for maximum comfort and efficiency.

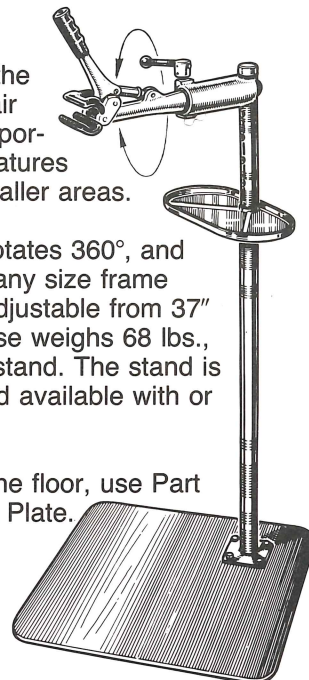
The vinyl-coated clamps rotate 360°, allowing the bicycle to be positioned at any angle. The clamps can be adjusted for virtually any size frame tubing. Because the stand itself rotates a full 360°, one bicycle can be swung out of the way, allowing the other clamp

to be used for "rush" repair jobs. The entire stand is heavily chrome plated, and the heavy steel base is painted. The stand is also available with out the base. For mounting directly to the floor, use Part No. FP-2, Floor Mounting Plate.

Shipping Weight:  
160# with base; 40# without base.

### Deluxe Single Arm Repair Stand Model PRS-3

This stand is one-half of the Deluxe Double-Arm Repair Stand (PRS-2), and incorporates most of the same features in a stand suitable for smaller areas.



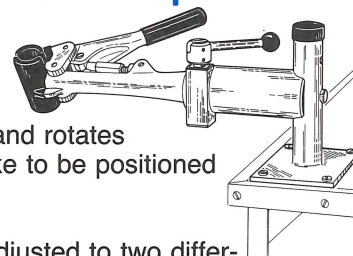
The vinyl-coated clamp rotates 360°, and is adjustable for virtually any size frame tubing. Clamp height is adjustable from 37" to 47". The solid steel base weighs 68 lbs., making for a very stable stand. The stand is heavily chrome plated and available with or without the base.

For mounting directly to the floor, use Part No. FP-2, Floor Mounting Plate.

Shipping weight:  
90# with base  
23# without base

### Deluxe Bench Mount Repair Stand PRS-4

This stand uses the same clamp as the PRS-2 and PRS-3, and rotates 360° allowing the bike to be positioned at any angle.

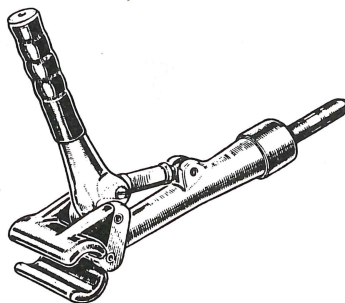


The clamp can be adjusted to two different heights.

Shipping Weight: 12#

### Clamps For Oversize Tubing

Because many new bicycles are now constructed of oversize tubing, we now make available a special clamp designed to fit tubing up to 1 3/8" diameter.



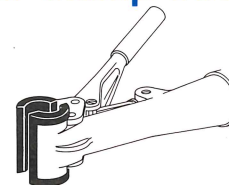
These clamps are only suited for tubing larger than 1 1/8" and will not be effective on smaller sizes.

2 Models:  
100-3L — Fits PRS-2,3,4  
100-7L — Fits PRS-6,7,8

Shipping Weight: 6#

### Rubber Clamp Covers #466

These rubber covers can be used to protect the bike from the clamp after the original plastic covering has become worn. The plastic covering must be removed from the clamp for these to fit properly. They are sold in pairs and fit all Park stands.

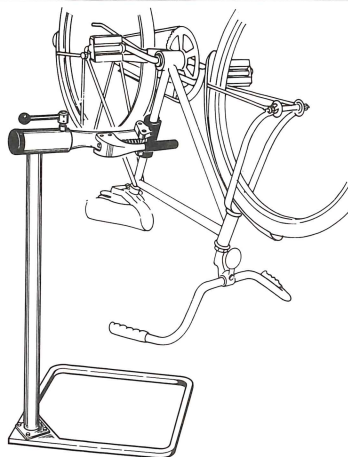


Shipping Weight: 2 oz. pr.



## Standard Model Repair Stands

The same high quality you've come to expect from Park Tool company is found in this line of workstands. While primarily designed for occasional or intermittent use, these repair stands can be, and are being, used in many shops with excellent results.



### Floor Model PRS-6:

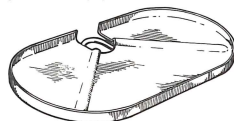
Clamp height is 40". Self-standing base is made of solid steel square bar, vinyl coated to reduce sliding and to protect floor. This stand can be mounted directly to the floor by using FP-2, Floor Mounting Plate.

Shipping Weight: 33#

### Single Arm Repair Stand Model PRS-6, 7 & 8

This is our newest line of stands, primarily designed for consumer use, or light duty shop use. There are many fine features, incorporating our many years of experience, making these stands particularly good values, because of their competitive prices.

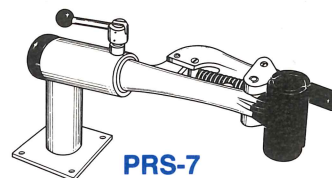
Features include: Quick-acting, spring loaded, vinyl coated clamp which automatically adjusts to any frame size. Unique, simple locking lever system allows bicycle to be positioned any place on full 360° rotation. Choice of floor, bench, or wall mount. Zinc plated for good appearance.



### Work Tray for PRS-6; #100-6:

Large, plated steel tray is ideal for holding small parts and tools. Features deep sides so small items stay put.

Shipping Weight: 2#

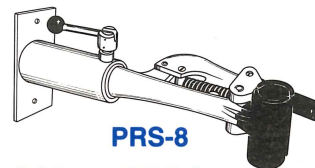


PRS-7

### Bench Model PRS-7:

Easily mounted on any work-bench. Mounting flange has 4 holes, allowing use of bolts or lag bolts to mount.

Shipping Weight: 10#



PRS-8

### Wall Mount PRS-8:

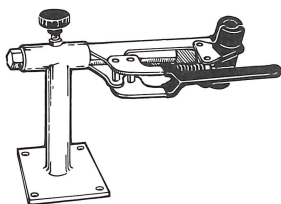
Designed to be easily mounted on any post or wall stud. Lag bolts are included.

Shipping Weight: 10#

## Home Mechanic Repair Stand Model PRS 9, 10

Now, for the first time, a stand is available for the home mechanic or biker with features found **only** on genuine Park Repair Stands.

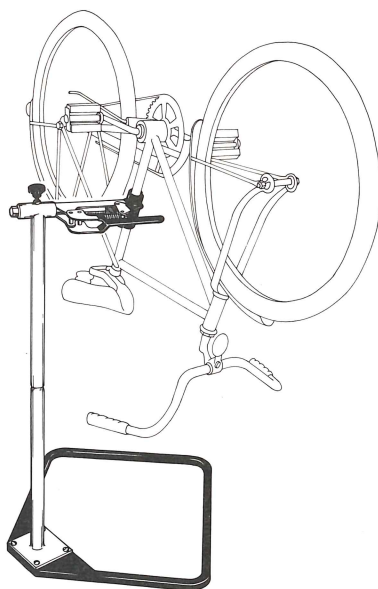
- Quick acting, spring loaded clamp adjusts to any frame tubing size
- Bike can be rotated to any of 6 positions on full 360° rotation
- Clamp jaws and steel base are vinyl coated
- Floor and bench models available
- Priced within reach of anyone



### Bench Model PRS-10:

Mounts easily on any work-bench.

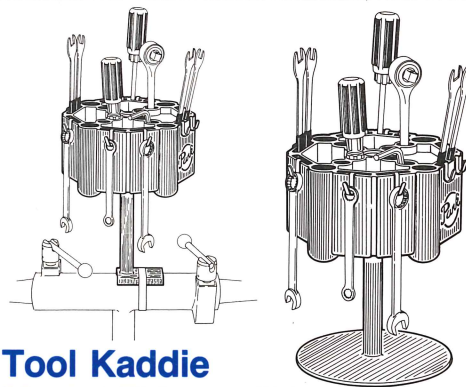
Shipping Weight: 8#



### Floor Model PRS-9:

Heavy base is made of vinyl coated solid steel square bar. Clamp height is 40".

Shipping Weight: 27#



### Tool Kaddie Model TK-2 & TK-3

This new, handy unit is perfect for holding tools which are used frequently, right at your fingertips. Featuring deep sockets and slots as well as 12 hooks, there is no limit as to what it will hold. Also makes an ideal place to store pencils, pens, ruler, etc., when used on a desk. Two models to choose from.

**Repair Stand Mount TK-2:** Mounts easily on any Park Repair Stand. Comes complete with all necessary mounting hardware.

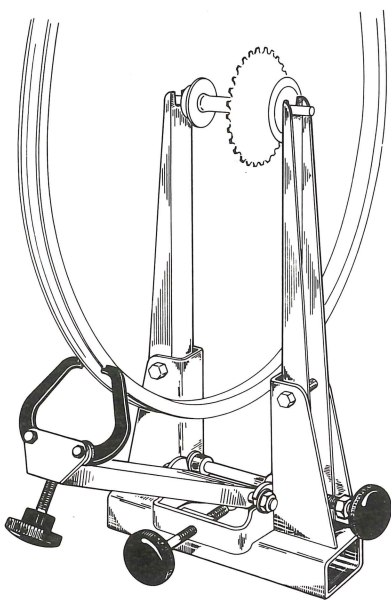
**Bench/Desk Mount TK-3:** Free-standing model for use on any flat surface.

Both models rotate to bring most needed items up close.

Shipping Weight: 4# each



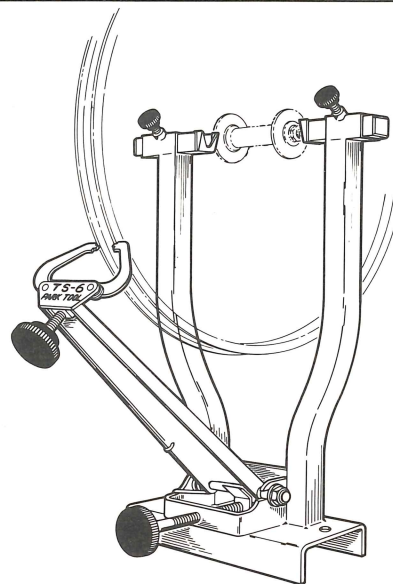
## Wheel Building and Truing Aids



### Professional Model Wheel Truing Stand Model TS-2

The New, Improved Park Truing Stand is now, more than ever, the stand to choose for fast, easy wheel truing. Accepts wheels from 16" to 28" with or without tire removed. Axle-holding uprights move simultaneously, always centering wheel hub with calipers, regardless of hub width. Calipers and caliper arm are spring loaded to prevent jamming with a badly out-of-true wheel. Made of heavy, chrome plated steel, with nylon bushings at pivot points. Can be bench mounted or vise held. Truly a professional quality wheel truing stand.

Shipping Weight: 18#



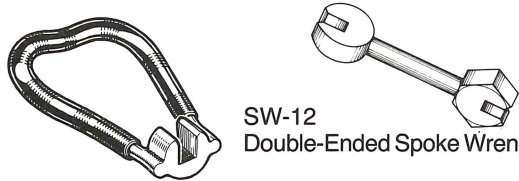
### Consumer Wheel Truing Stand Model TS-6

This new, low cost truing stand was designed and built in response to many requests for such a stand. It is recommended for light duty or occasional use, and is especially directed to the home mechanic or for the small repair shop. While it is possible to true wheels as accurately as with our model TS-2 Professional Truing Stand, some additional time is required to manually center the hub in the stand. For heavy duty shop use, we recommend using our Model TS-2 Professional Model Truing Stand. Can be bench mounted or vise held. Attractive painted finish.

Shipping Weight: 9#

### Spoke Wrenches ★

Professional quality, precision sized spoke wrenches are hardened and chrome plated for long service. Park Spoke Wrenches are vinyl coated in one of 5 colors telling the size at a glance. Color-coded size card is included with complete sets (SW-5 and SW-6).



SW-12  
Double-Ended Spoke Wrench (.130-.136)

- |               |  |
|---------------|--|
| SW-0 (Black)  | Spoke Wrench for 80 Gauge - .127 Nipple  |
| SW-1 (Green)  | Spoke Wrench for 80 Gauge - .130 Nipple  |
| SW-2 (Red)    | Spoke Wrench for 80 Gauge - .136 Nipple  |
| SW-3 (Blue)   | Spoke Wrench for 105 Gauge - .156 Nipple |
| SW-4 (Yellow) | Spoke Wrench for 120 Gauge - .192 Nipple |

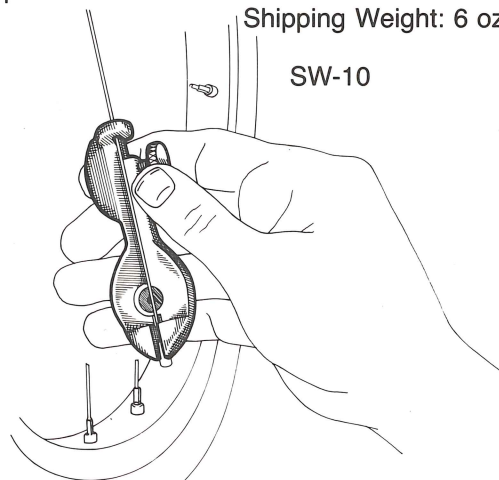
- SW-5 Set of 4 Spoke Wrenches - (SW-1, 2, 3, 4)  
SW-6 Set of 3 Spoke Wrenches - (SW-0, 1, 2)

Available individually or in set. Shipping Weight: 2½ oz. per set.

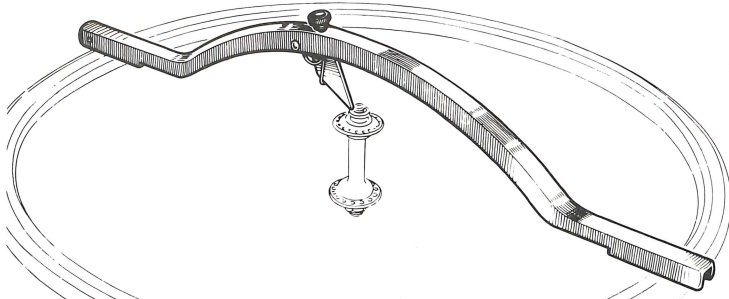
### Adjustable Spoke Wrench

Compact, easy to use, adjustable for use on .127 to .136 nipples. Superb quality investment casting. Heat treated and chrome plated.

Shipping Weight: 6 oz.







Permits centering of front and rear wheels over the outside locknuts. 5 and 10 speed wheels are dished (offset).

## Wheel Alignment Gauge WAG-1

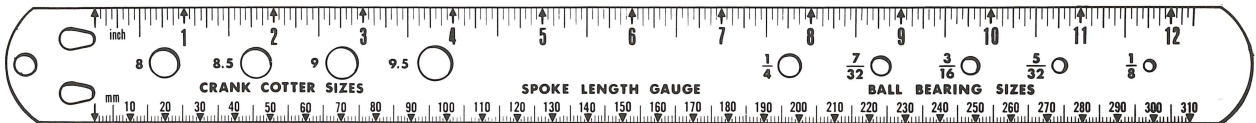
This tool is a quick, easy way to check the offset of rear hubs on 5 and 10 speed bikes. It can be used on any size wheel, either on or off the bike. The positive, screw-operated indicator will not move when set. It is an aid when determining whether the frame is properly aligned.

Shipping Weight: 1#

## Spoke, Bearing, and Cotter Gauge SBC-1

This handy shop aid is ideal for sizing spokes, ball bearings and crank cotters. To use, just hang the head of the spoke in the oblong hole and read its length on the scale. For crank cotters and ball bearings it works just like a gauge for drill bits.

Shipping Weight: 2 oz.



## Park Cone Wrenches CW-1 – CW-19

The finest available, these wrenches are made of thin chrome plated tool steel with vinyl coated handles. They are made in twelve different sizes for many applications and are available individually or in sets.



Shipping Weight: 2½ oz. per wrench; 1# per set

- CW-1 ½" Cone Wrench
- CW-2 9/16" Cone Wrench
- CW-3 5/8" Cone Wrench
- CW-4 11/16" Cone Wrench
- CW-5 ¾" Cone Wrench
- CW-6 7/8" Cone Wrench
- CW-7 Fractional Set — 1 each of above
- CW-13 13mm Cone Wrench
- CW-14 14mm Cone Wrench
- CW-15 15mm Cone Wrench
- CW-16 16mm Cone Wrench
- CW-17 17mm Cone Wrench
- CW-18 18mm Cone Wrench
- CW-19 Metric Set — 1 each of above

## Double-Ended Cone Wrenches ★ DCW-0, 1, 2, 3

These cone wrenches are designed for the home mechanic or occasional user. They are made of thin tool steel and are chrome plated for long use. Available in 4 popular sizes from 11MM to 18MM. Their small size makes them ideal to carry on a bicycle for quick repairs.

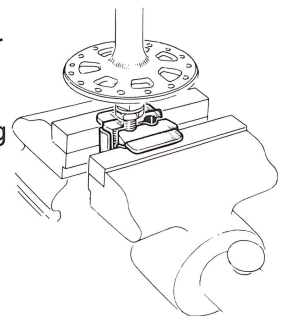


- DCW-0 11MM-12MM
- DCW-1 13MM-14MM
- DCW-2 15MM-16MM
- DCW-3 17MM-18MM

Shipping Weight: 2 oz. per wrench

## Axle Vise AV-1

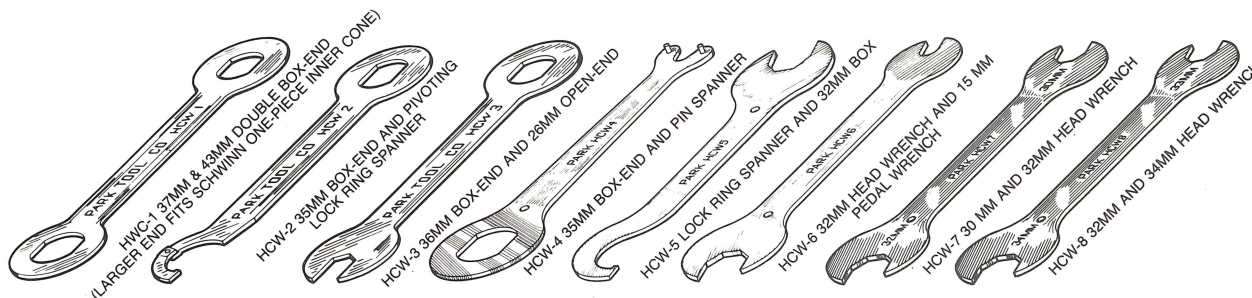
This tool holds the axle so it will not turn while work is done on the hub. It has two different diameter receptacles so it will work on front and rear axles. It is simple to use, just insert the axle into the proper diameter opening and tighten the vise. The jaws open automatically when the vise is opened.



Shipping Weight: 3 oz.



## Tools For Crank Sets



### Head, Crank and Pedal Wrenches HCW-1 to HCW-8

HCW-1 TO HCW-5 are large, heavy duty wrenches designed to fit virtually all bottom bracket cones and lock nuts. HCW-6 combines a 15MM pedal wrench with a 32MM wrench for head lock nuts and cones, HCW-7 is a head wrench with 30MM and 32MM openings and the HCW-8 is a head wrench with 33MM and 34MM openings. All are made of heavy, heat treated, and chrome plated steel for tough use.

Shipping Weight: 12 oz. Replacement Pins for HCW-4 — Part No. 1501

### Cotterless Crank Wrench CCW-2 ★

This one wrench can remove the dust caps and tighten or loosen the mounting bolts on all brands of cotterless cranks. It has a 5mm hex key and a screwdriver for dust caps and box wrench sizes 14, 15, and 16mm for mounting bolts.

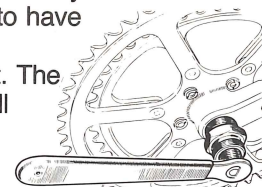
Shipping Weight: 4 oz.



### Cotterless Crank Puller CCP-1 ★

This unique design, originated by Park Tool Company, eliminates the need to have a different puller for each different brand of crank set. The double end puller nut fits all cranks.

Shipping Weight: 5 oz.



### Cotterless Wrench CCW-3



14MM-15MM

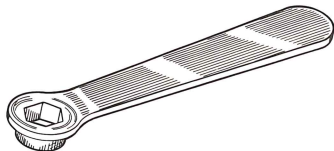
This long-handled wrench provides extra leverage for tough to remove crank bolts. Heat treated and chrome plated. Vinyl coated handle.

Shipping Weight: 8 oz.

### Cotterless Crank Wrenches ★

We also offer crank bolt wrenches in 3 individual sizes to fit all popular brands of cotterless cranks, at popular prices.

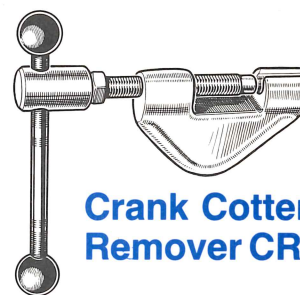
CCW-14 14MM  
CCW-15 15MM  
CCW-16 16MM



Shipping Weight: 4 oz.

This tool was designed to remove and reset tapered crank cotteners by applying tremendous power to the pin without the damaging effects of a hammer.

Shipping Weight: 2#



**Crank Cotter Remover CR-2**

### Pin Spanners SPA-1-6 ★

The new Park Pin Spanners have been designed to give maximum usefulness and versatility at the lowest possible cost. Special tough high-carbon tool steel is used on each tool to ensure long life. Handle is vinyl coated to give good grip and feel to the tool.

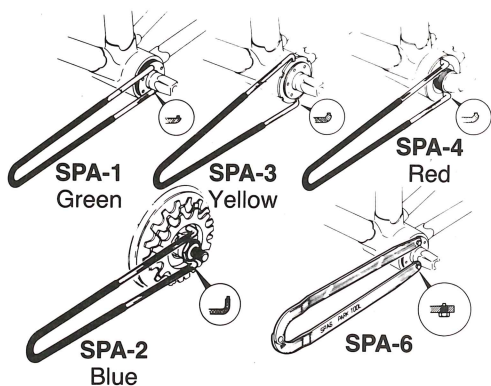
SPA-1 Fits adjusting cone on most 3-piece cranks  
SPA-2 Fits adjusting cone on most gear clusters  
SPA-3 Fits lock ring on most 3-piece cranks  
SPA-4 Fits adjusting cone on most 1-piece cranks  
SPA-5 Set of 1 each of above

Shipping Weight: 2 oz. ea. SPA-5: 8 oz.

SPA-6: Shop quality adjustable Pin Spanner. this new spanner uses hardened, replaceable pins. Designed for heavy duty use, the distance between pins is adjustable, allowing use on virtually any hanger cup. Uses No. 1501 replacement pins.

SPA-6 Adjustable Spanner

Shipping Weight: 1#





## Frame and Fork Straightening Tools

This section is devoted to our frame and fork straightening tools. Many bicycles cannot be properly repaired and adjusted because their frames and forks are no longer true. With the high cost of new bicycles and replacement frames and forks, straightening can be a viable, cost effective alternative for many customers. Most damaged bicycles can be safely straightened and repaired when the proper tools are used by skilled mechanics. When these tools are used to straighten and assure the alignment of a frame or fork, the repaired bicycle will be safe to ride as well as easier and more profitable to repair.

### CAUTION

During any repair, the customer's safety should always come first. Customers should be advised prior to straightening, that not all bicycles can be repaired. After alignment, all frames and forks should be carefully inspected for cracks or kinked tubes. A customer should be advised when a certain condition renders a bicycle unsafe to ride.

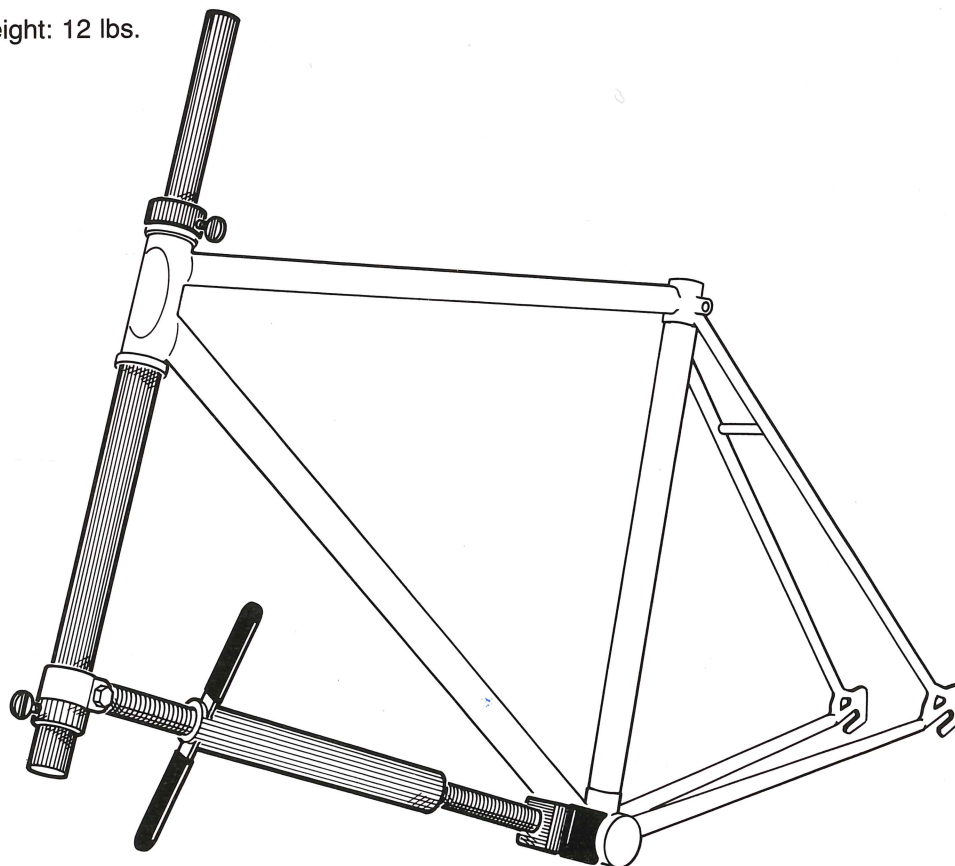
### Head Tube Straightener (HTS-1)

After a front-end collision, many bicycles will require the head tube of the frame to be straightened because they will no longer steer properly and the front wheel has reduced clearance at the down tube and the pedals. The Park Head Tube Straightener (HTS-1) is designed to quickly correct the angle of the head tube.

After the fork has been removed from the frame, the shaft of the HTS-1 is inserted through the head set races and secured with a set collar. This shaft has two different diameters to fit domestic and foreign frames, and is made of high strength Fatigue-proof® steel.

The turnbuckle is then connected to the shaft at a 90° angle and tightened against the bottom bracket. The turnbuckle is extended until the shaft and head tube are at the desired angle. Tremendous pressure is generated with this tool, and any frame can be straightened with little physical effort. The fork should be checked for damage prior to reassembly.

Shipping Weight: 12 lbs.



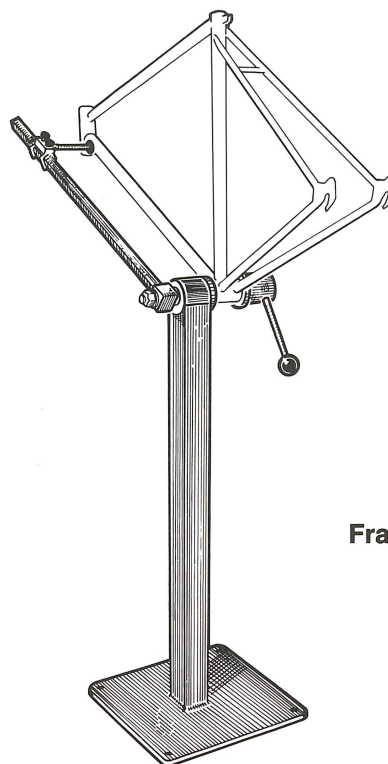
## Frame Repair Stand (FRS-1)

The most awkward part of the frame straightening process is holding the frame while the tubes are bent into alignment. The Park Frame Repair Stand (FRS-1) securely holds any frame by the bottom bracket, allowing full access to all the frame tubes without clamping to painted surfaces or repositioning the frame in the stand.

The gauge bar swings into position to determine the alignment of the tubes in the main triangle of the frame, then quickly swings out of the way during straightening. The top tube, seat tube, and down tube can be compared along their entire length as well as to each other, by the indicator on the gauge bar. When the main triangle is properly aligned, the indicator will show that all points on the three tubes of the frame are the same distance from the gauge bar as the seat tube nearest the bottom bracket.

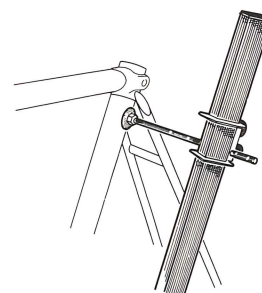
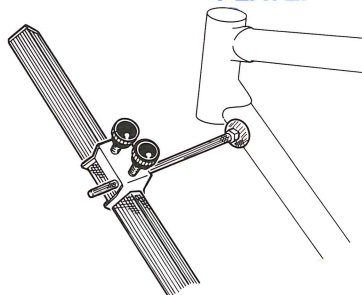
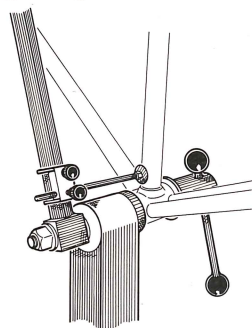
**MANY OTHER TOOLS IN THIS CATALOG ARE USED FOR ALIGNING THE FRAME. THE PARK FRAME REPAIR STAND (FRS-1) IS THE FOUNDATION OF THE PROCESS, HOLDING THE FRAME FIRMLY IN POSITION WHILE THESE OTHER OPERATIONS ARE PERFORMED.**

Shipping Weight: 47 lbs.



Frame Repair Stand  
FRS-1

**BASE MUST BE ANCHORED TO THE FLOOR. HOLES ARE PROVIDED IN THE HEAVY BASE-PLATE.**



The main tubes are compared to the seat tube nearest the bottom bracket. Main triangle is true when ends of top tube, seat tube, and down tube are same distance from gauge bar.

## Combination Frame/Bike Repair Stand

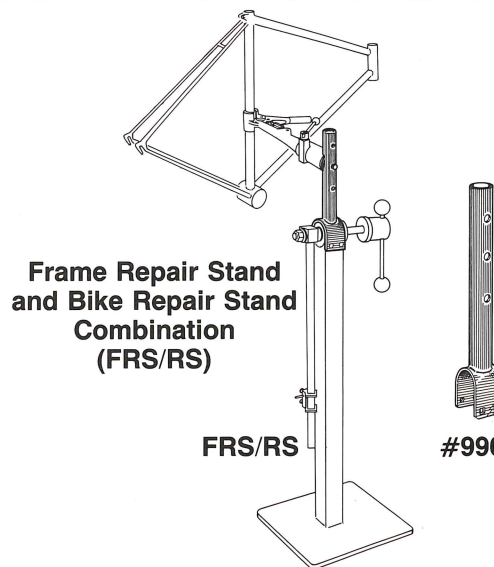
To improve the usefulness of our frame repair stand (FRS-1), we now offer an adaptor which allows a repair stand clamp unit to be mounted on the stand.

The adaptor mounts with just two bolts, making it very simple to remove when the stand is to be used for frame repair and alignment. Our PRS-3 or PRS-4 clamp unit fits the adaptor.

Adaptor Only (#990) — Shipping Weight: 4#

Adaptor and Clamp Unit (#991) — Shipping Weight: 14#

Complete Unit (#FRS/RS) — Shipping Weight: 60#



Frame Repair Stand  
and Bike Repair Stand  
Combination  
(FRS/RS)

FRS/RS

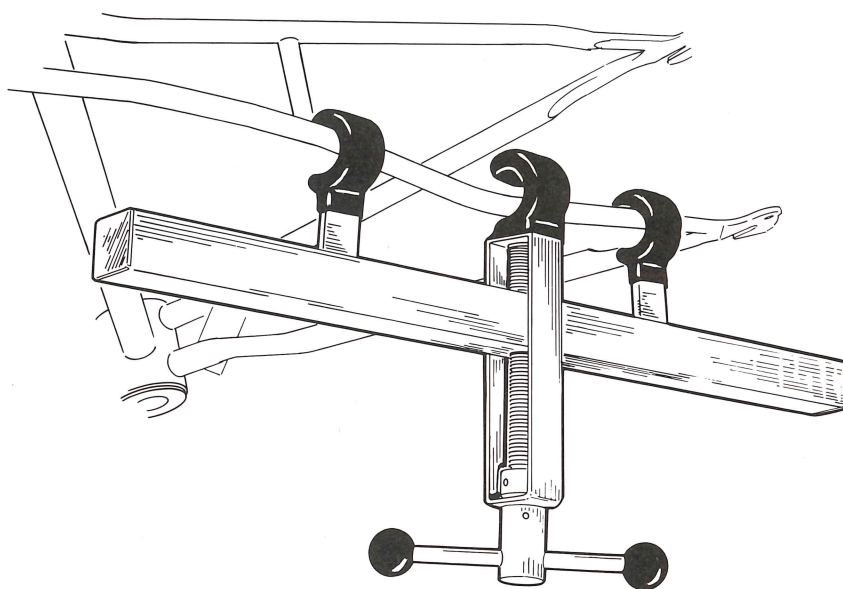
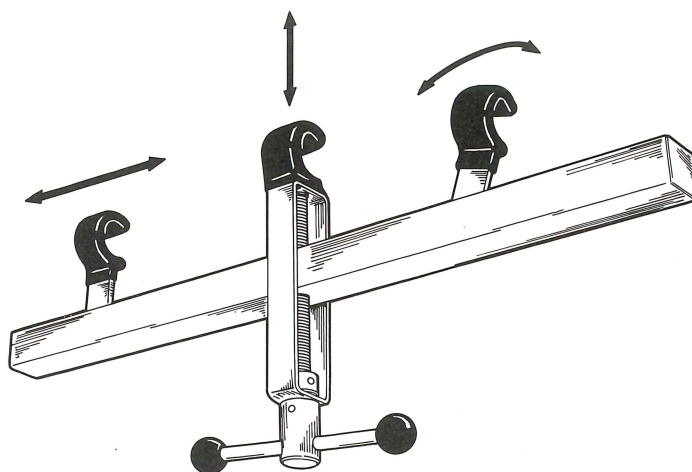
#990



## Frame Stay Straightener SS1

One of the most difficult tasks in frame repair is straightening seat and chain stays that have been damaged. This STAY STRAIGHTENER (SS-1) is a unique, adjustable tube bender that can straighten seat and chain stays quickly and accurately. The middle hook can either pull or push the tube into position, while the other two hooks adjust to the length and contour of the damaged area. Vinyl coated hooks will not mar paint. Ruggedly constructed of finest materials — you will amaze yourself how well you can straighten seat and chain stays.

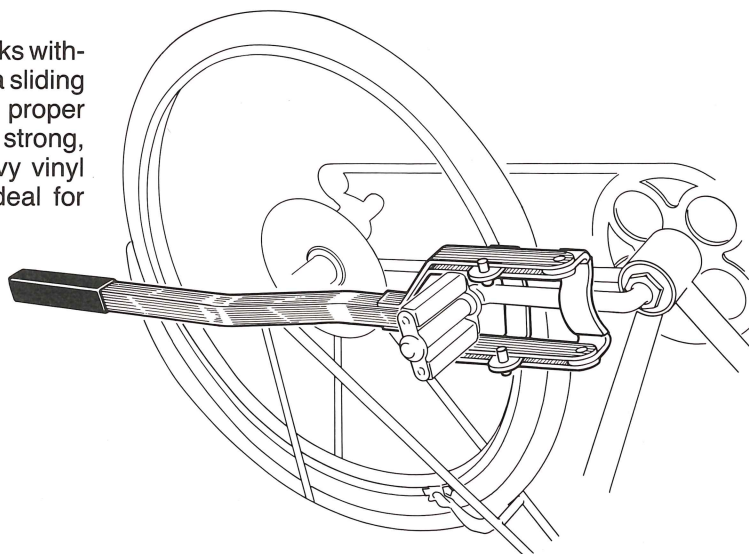
Shipping Weight: 5 lbs.



## Crank Straightener HCS-1

Now you can easily straighten one-piece cranks without removing pedals. Our unique design has a sliding fulcrum which permits you to place tool in proper position on bent crank arm. Tool is super strong, beautifully chrome-plated and features heavy vinyl padding to protect cranks from damage. Ideal for BMX cranks.

Shipping Weight: 4 lbs.

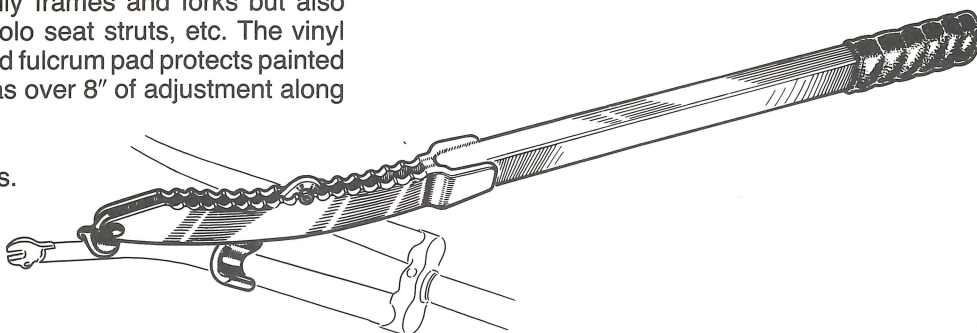




## Frame and Fork Straightener FFS-1

The Park Frame and Fork Straightener is a versatile and productive tool. The open hook design enables it to straighten not only frames and forks but also cranks, handlebars, polo seat struts, etc. The vinyl coating on the hook and fulcrum pad protects painted surfaces. The hook has over 8" of adjustment along the notched lever.

Shipping Weight: 4 lbs.

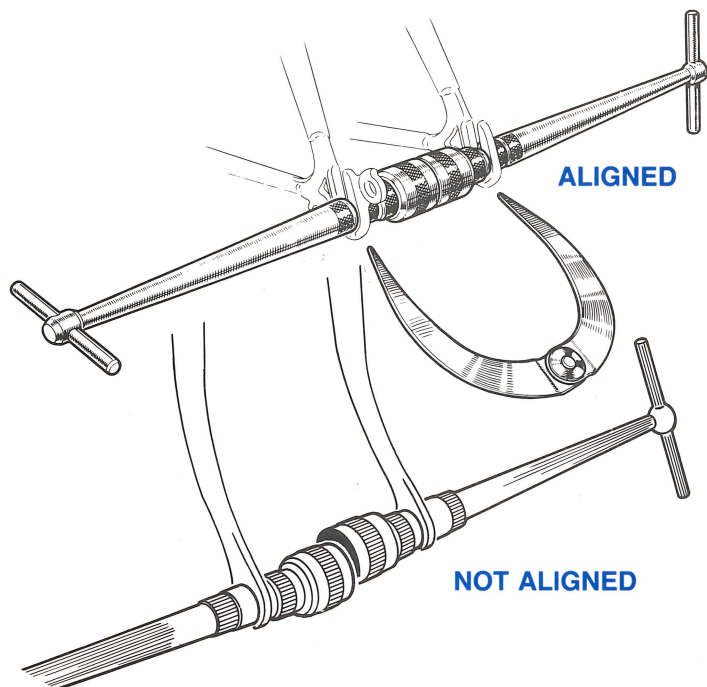


**New Model  
Stronger Side Plates**

## Frame and Fork End Alignment Gauge Set FFG-1

There are occasions, even on new bikes, when the frame and fork drop-outs are not parallel, creating bent axles or skewers on quick release hubs. The Park Frame and Fork Alignment Gauge Set was designed to align the drop-outs easily without elaborate fixtures. They quickly show whether the drop-outs are parallel and produce plenty of leverage to straighten them. These are the only gauges available that can be adjusted to compensate for various hub widths. A caliper is provided for checking this dimension.

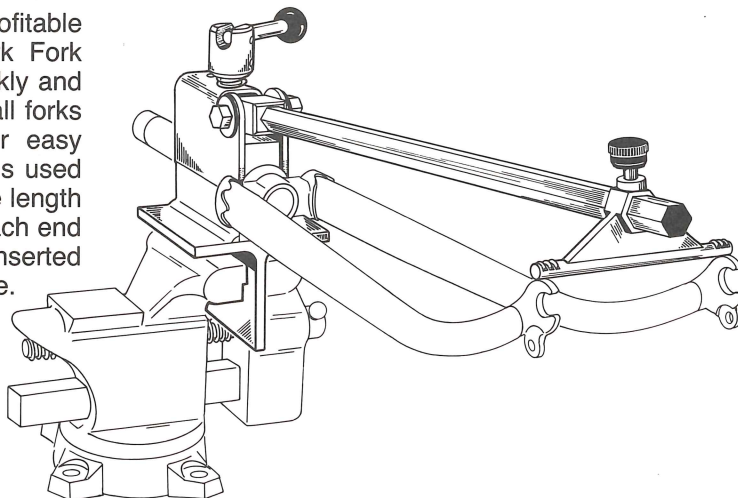
Shipping Weight: 2½ lbs.



## Fork Clamp And Gauge FT-4

Fork straightening can be easy and profitable with the proper equipment. The Park Fork Clamp and Gauge is designed to quickly and accurately determine the trueness of all forks and securely hold the fork stem for easy straightening. The sliding Gauge Bar is used to check the alignment along the entire length of the fork blades and is marked on each end to check the width. The Clamp can be inserted in any vise, as shown, or on either side.

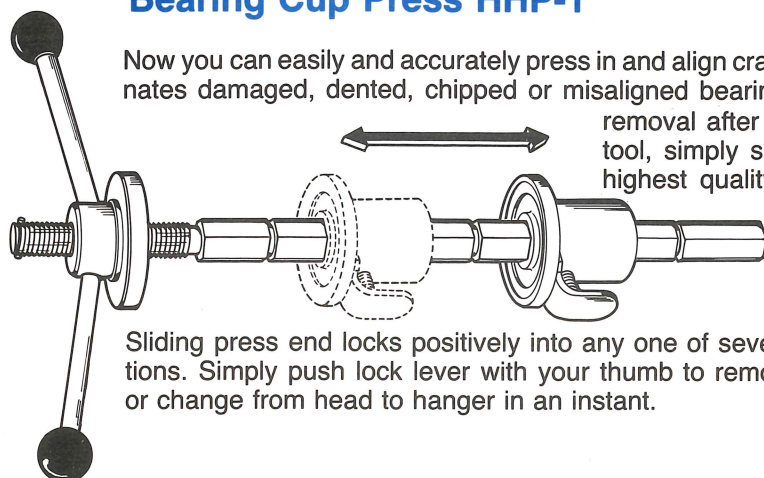
Shipping Weight: 10 lbs.





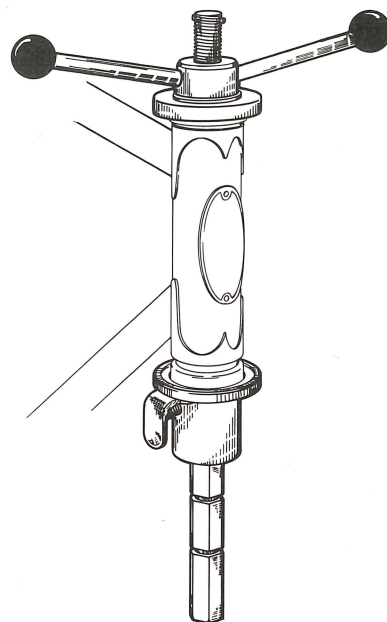
## Frame Tools

### Bearing Cup Press HHP-1



Now you can easily and accurately press in and align crank hanger and fork head bearing cups. Eliminates damaged, dented, chipped or misaligned bearing cups. Our unique design permits instant removal after cups are seated, no unscrewing to remove tool, simply slide off. Our tests prove this tool to be the highest quality, most accurate, strongest and easiest to use. The entire tool is heat treated and chrome plated to give years of trouble free service.

Sliding press end locks positively into any one of seven positions. Simply push lock lever with your thumb to remove tool or change from head to hanger in an instant.



### Inserting Head Cups . . .

. . . is easy with your Park Bearing Cup Press. Instantly changes to fit any frame size from smallest child's or BMX model to large frame size 10-speed models. Seven positions make this tool unique and easy to use. No nut to unscrew from a long threaded shaft as on other brands. Instant removal after bearing cups are seated into frame.

### Inserting Hanger Cups

Change to crank hanger cups in a breeze. Simply slide shaft through cups and frame — slip the press end onto the shaft and turn handles to seat cups. You'll do a better job quicker and easier. Eliminates "tight" spots and helps prevent uneven cone and bearing wear. Instant removal after bearing cups are seated into frame.

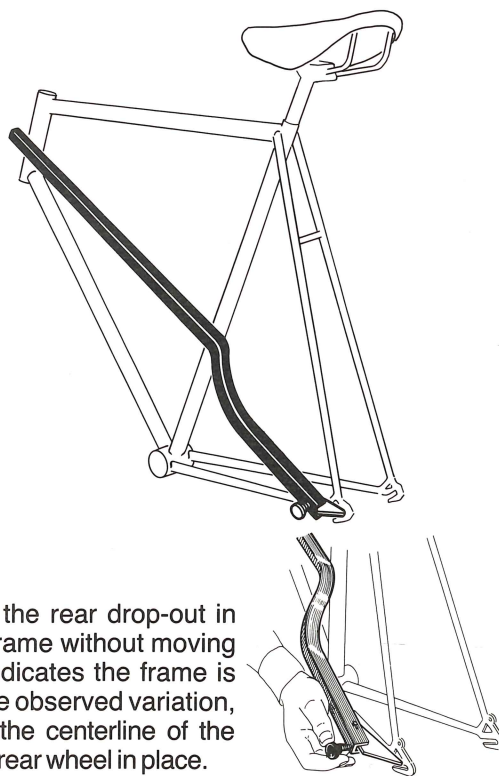
### Frame Aligning Gauge (FAG-1)

Many bicycles will not shift or track properly because the front and rear wheels are not in line with the frame. If these conditions still exist after wheel and derailleur adjustments, the seat stays, chain stays, and rear drop-outs of the frame may be misaligned.

For years the accepted method to check the alignment of the rear drop-out was to run a string from one drop-out, around the head tube to the other drop-out, and compare the distance from the seat tube to the string on either side. This method does work to some extent. However, it is not accurate, because the measurement is not taken at the drop-out. With the Park Frame Alignment Gauge (FAG-1) the alignment can be checked quickly and accurately, at the drop-out.

Shipping Weight: 1 lb.

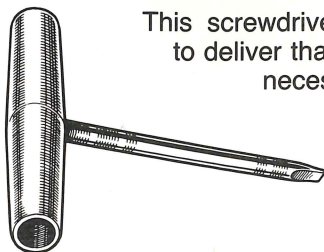
The straight portion of the gauge is held firmly to the head tube and seat tube. The pointer is then adjusted to barely touch the rear drop-out in the area where the axle mounts. Then check the other side of the frame without moving the pointer. Any variation between the drop-out and the pointer indicates the frame is misaligned. However, the frame is only misaligned one half ( $\frac{1}{2}$ ) of the observed variation, because the gauge compares the drop-outs to each other, not to the centerline of the frame. Notice how easy it is to check the frame alignment, even with the rear wheel in place.





## Caliper Brake Tools

### T-Handled Screwdriver SD-1



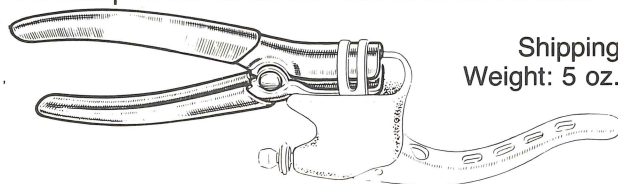
This screwdriver is specially designed to deliver that extra amount of torque necessary to get brake levers really tight.

The blade is made to fit pull up screws.

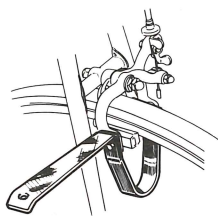
Shipping Weight: 3 oz.

### Brake Lever Clamp Expander BCE-2

This special purpose pliers helps to round out the clamp loop of the brake lever when installing the lever on the handlebar. Can also be used to expand the clamp on the handle bar mounted shift controls.



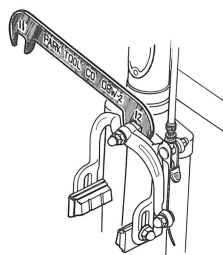
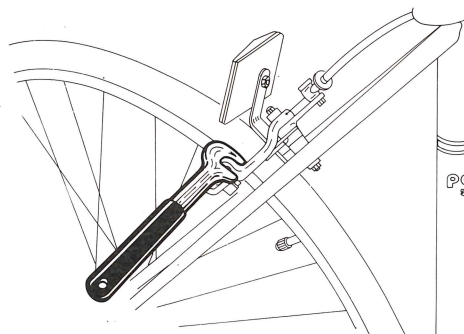
Shipping Weight: 5 oz.



### Third Hand Brake Tool For Caliper Brakes BT-1 ★

The Third Hand is for holding brake shoes against the rim while installing the cable. The vinyl coating makes it easy on the hands and the smooth edges allow it to be attached and removed without catching on any of the mechanisms.

Shipping Weight: 3 oz.

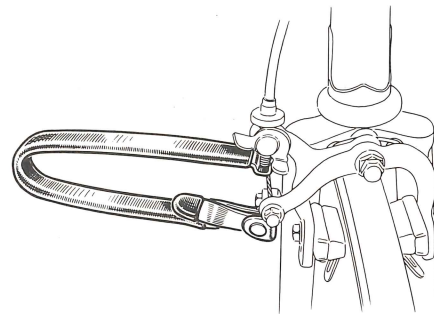


### Offset Brake Wrenches ★

#### OBW-1, OBW-2

We call these our offset wrenches because of their unique design, which allow them to be used in tight places, such as for centering caliper brakes. OBW-1 has 10MM and 13MM openings, and OBW-2 has 11MM and 12MM openings. Chrome plated spring steel.

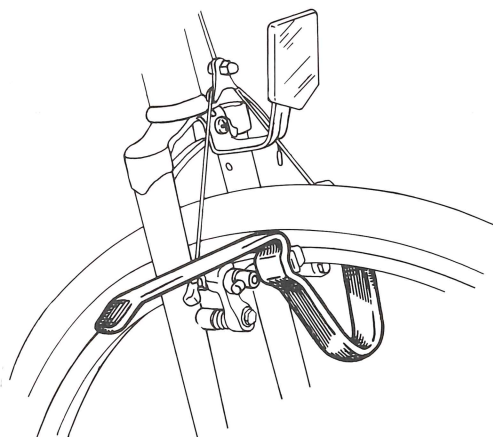
Shipping Weight: 5 oz.



### Fourth Hand Brake Tool BT-2

This is used to pull cables tight without using a pliers. It is especially useful on center pull brakes.

Shipping Weight: 4 oz.



### Brake Toe-In-Tool BT-3

This tool is used for aligning caliper brake blocks in relation to the rim. Brake blocks that are perfectly parallel to the rim will "squeel". Our tool will allow blocks to be easily "toed-in". Simply place tool on flats of caliper arms and gently twist. Hardened and chrome plated.

Shipping Weight: 5 oz.

### Third Hand for Cantilever Brakes BT-4 ★

A new third hand designed especially for use on cantilever brakes. Found on cruisers, beach bikes, mountain bikes, etc. Vinyl coated spring steel will not mar brake shoes.

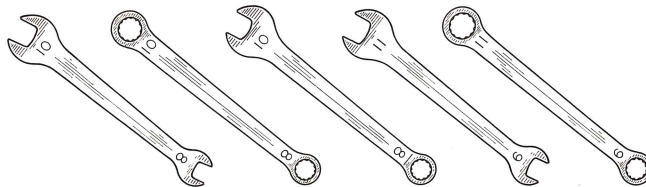
Shipping Weight: 4 oz.

### Caliper Brake Wrenches CBW-1 to CBW-6 ★

CBW1 8mm open-10mm open CBW4 9mm open-11mm open  
CBW2 8mm box-10mm box CBW5 9mm box-11mm box  
CBW3 8mm box-10mm open CBW6 Set of 5 Above

Available individually or in set.

Shipping Weight: 1 oz. each; 5 oz. per set.





## Miscellaneous Specialty Tools

### Allen Wrench Set AWS-1★, AWS-2

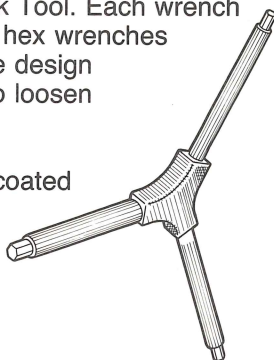
New and exclusive from Park Tool. Each wrench combines 3 sizes of popular hex wrenches in a comfortable, easy-to-use design providing needed leverage to loosen or tighten allen screws and bolts.

Each hex extension is vinyl coated for hand comfort.

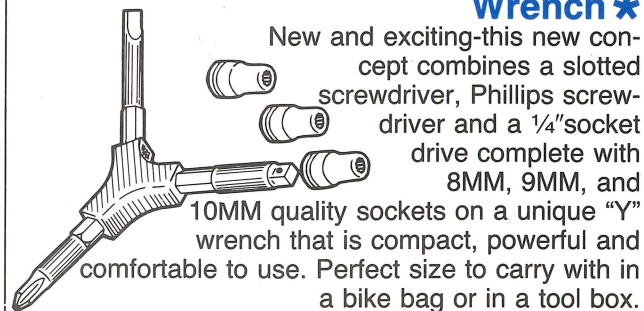
**AWS-1** 4MM, 5MM, 6MM

**AWS-2** 1/8", 5/32", 3/16"

Shipping Weight: 3 oz.



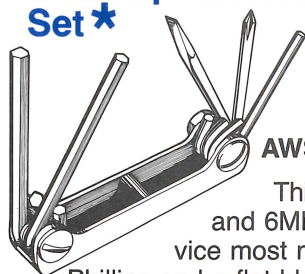
### Screwdriver and Socket Combination Wrench ★



New and exciting—this new concept combines a slotted screwdriver, Phillips screwdriver and a 1/4" socket drive complete with 8MM, 9MM, and 10MM quality sockets on a unique "Y" wrench that is compact, powerful and comfortable to use. Perfect size to carry with in a bike bag or in a tool box.

**SDY-1** Screwdriver/Socket Combination  
Shipping Weight: 4 oz.

### Fold-Up Allen Wrench Screwdriver Set ★



**AWS-4**

We are pleased to now make available our new fold-up combination allen (hex) wrench and screwdriver set.

This set combines 4MM, 5MM, and 6MM hex keys (needed to service most new bikes today), with a #1 Phillips and a flat blade screwdriver. The AWS-4 is a handy fold-up tool, which makes it very convenient to carry along for emergency repairs. It is hardened and chrome plated for long use. It is, of course, like all Park Tools, made in the U.S.A.

Shipping Weight: 6 oz.

### Fold-Up Allen Wrench Set ★

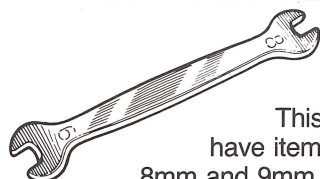
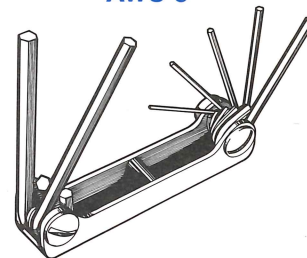
**AWS-5**

We also announce a new addition to our line of allen wrenches — a new fold-up set.

This wrench combines all the popular sizes needed on bikes today: ranging from 1.5MM to 6 MM.

The top quality, heat treated hex wrenches are contained in a chrome plated fold-up case, very convenient and easy to use.

Shipping Weight: 6 oz.



### Derailleur Wrench DW-1★

This handy wrench is a must-have item for derailleur repairs. Fits 8mm and 9mm bolts and nuts. Open end design permits easy access to hard-to-get-to adjustments, etc.

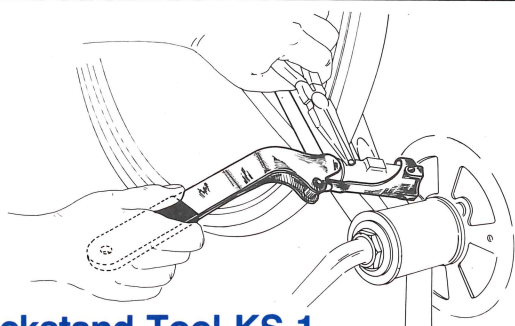
Shipping Weight: 2 oz.

### Seat Post Wrench SPT-1

10mm — 12 point box — 13mm open

— 1 1/8" offset. Unique offset design permits easy access to saddle clamp bolts and Campi-type seat posts, reached under saddle skirt. Open end is used to adjust tension or saddle nose bolt.

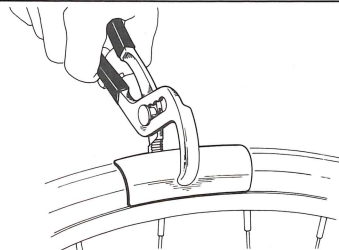
Shipping Weight: 4 oz.



### Kickstand Tool KS-1

This tool is specifically designed for installing and removing the Schwinn kickstand. It is chrome plated and has a long vinyl dipped handle that produces all the leverage needed to compress the spring. It works on all Schwinn models with built-in kickstands.

Shipping Weight: 8 oz.



### Park Tire Seater PTS-1

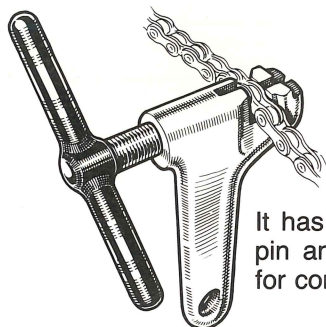
This tool is designed to quickly and easily "seat" stubborn tires. Often tire beads slip below the rim edge and are difficult to pull out. Simply place the non-slip jaws on the tire and "lift out".

The Park Tire Seater adjusts for various tire sizes and is chrome plated and the handles are vinyl coated for comfort.

Shipping Weight: 1#



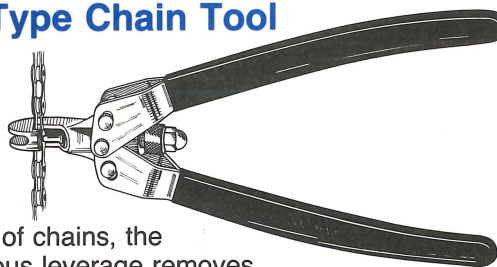
## Screw Type Chain Tool CT-1



This chain tool is the perfect size, fitting nicely in your hand and is large enough to use in a vise. The built-in gauge shows how far the rivet is pushed out. It has a replaceable hardened pin and a vinyl coated handle for comfort.

Shipping Weight: 8 oz.

## Plier Type Chain Tool CT-2



Designed for fast, easy removal or repair of chains, the tremendous leverage removes even the toughest rivets. To use, simply put the chain roller in the built-in recess and squeeze the handles. The travel adjusts to push the rivet back in the right distance.

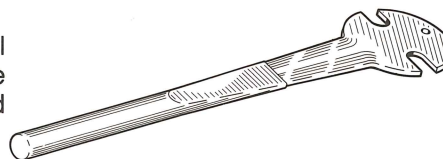
Shipping Weight: 1½#

### Replacement Chain Tool Pins CTP

These pins fit both Park chain tools. Shipping Weight: 9 oz. per 100

## Pedal Wrench PW-1

Incorporating two popular sizes on one wrench, these new pedal wrenches have a unique design which permits sufficient force to be used to remove even the most stubborn pedals. The long vinyl coated handle is very comfortable to use.



PW-1 15MM and 9/16"

Shipping Weight: 11 oz.

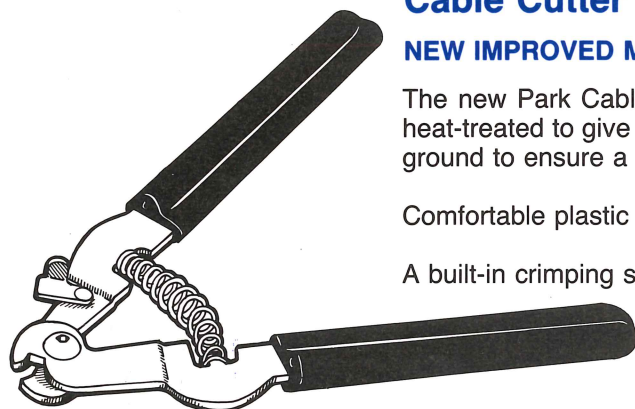
## Cable Cutter CN-2

### NEW IMPROVED MODEL

The new Park Cable Cutter is manufactured from 1095 high carbon steel, heat-treated to give a long lasting cutting edge. The cutting jaws are surface ground to ensure a clean cut on any cable.

Comfortable plastic handles give a good feel and grip on the handles.

A built-in crimping slot makes it easy to install cable end caps.



Cable jaws of the Park Cable Cutter are designed to compress the cable stands at the point of cut to help prevent cable fraying.

Shipping Weight: 4 oz.

## Wood Thread Bicycle Storage Hooks #451

Ideal for hanging bikes, wheels, toys, ladders, etc. Clean, sharp threads, heavy vinyl coating, zinc plated, bulk packed.

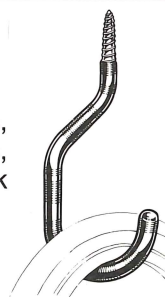
Shipping Weight: 17#per 100 hooks

## Machine Thread Bicycle Storage Hooks #450



This is the same type and size of hook as the Wood Thread except with 1½ inches of 5/16-18 machine thread. An ideal way to store bicycles or wheels using steel tubing or angles as the support for the hooks. They are vinyl coated and bulk packed complete with two hex nuts per hook.

Shipping Weight: 19½# per 100 hooks.



## White Lithium Grease

High quality, specially formulated white lithium grease. Ideal for bicycles — many other uses around the shop and home.

Available in 4 oz. tubes; 1 lb. and 5 lb. tubs for shop use.

- WLG-1 4 oz. tube★
- WLG-2 1 lb. tub
- WLG-3 5 lb. tub



2250 White Bear Ave.

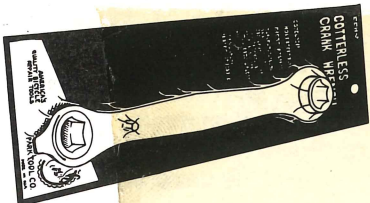
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